

DOC Smoking Cessation HWH Data Collection



**UNIVERSITY OF CONNECTICUT SCHOOL OF
SOCIAL WORK
CT DEPARTMENT OF MENTAL HEALTH &
ADDICTION SERVICES**

JULY 2017

Data collection at Halfway Houses



Total Data Collected as of 7/17/17:

- 19 sites visited
 - Bridgeport, Hartford, New Haven, Waterbury, Norwich
- 385 Residents available
 - Present during research staff visit
- 279 Surveys completed
 - Voluntary participation, valid surveys only
- 72% Completion rate

Data Collection at Detention Facilities



Prevalence survey conducted in DOC facilities

2 Jails:

- ✦ Hartford Correctional Center (HCC)
- ✦ New Haven Correctional Center (NHCC)

4 Prisons:

- ✦ Carl Robinson Correctional Institution (CRCI)
- ✦ Willard-Cybulski Correctional Institution (WCCCI)
 - Prison and pre-release site
- ✦ Manson Youth Institution (MYI)
 - Male facility for youth and young adult offenders
- ✦ York Correctional Institution
 - Women's combined jail & prison facility

Halfway House Data Collection



	Number of Beds Filled	Residents Available	Total Surveys Completed
Hartford	207	140	91
Bridgeport	44	28	28
New Haven	190	116	75
Waterbury	144	98	82
Norwich	18	3	3

Prevalence Survey Questions



- Basic demographic information
- Smoking habits
- Intensity of addiction—Fagerström tool
- Desire to stop smoking
- Barriers to smoking cessation

Nicotine Tolerance Scores

- Scores derived from totaling of responses to items in the **Karl Fagerström Nicotine Tolerance Questionnaire**
- Items, response choices, and scoring are in the tables below:

How many cigarettes per day do you smoke?	
<u>Response Choices</u> a) 10 or less b) 11 – 20 c) 21 – 30 d) 31 or more	<u>Points</u> 0 1 2 3
How soon after you wake up would you like to smoke your first cigarette?	
<u>Response Choices</u> a) 0 – 5 min b) 30 min c) 31 – 60 min d) After 60 min	<u>Points</u> 3 2 1 0
Do you find it difficult to keep from smoking in places where it isn't allowed?	
<u>Response Choices</u> a) Yes b) No	<u>Points</u> 1 0
Do you smoke more often during the first hours after waking up than during the rest of the day?	
<u>Response Choices</u> a) Yes b) No	<u>Points</u> 1 0
Which cigarette would you hate most to give up?	
<u>Response Choices</u> a) The first in the morning b) Any other	<u>Points</u> 1 0
Do you smoke even if you are so ill that you are in bed most of the day?	
<u>Response Choices</u> a) Yes b) No	<u>Points</u> 1 0

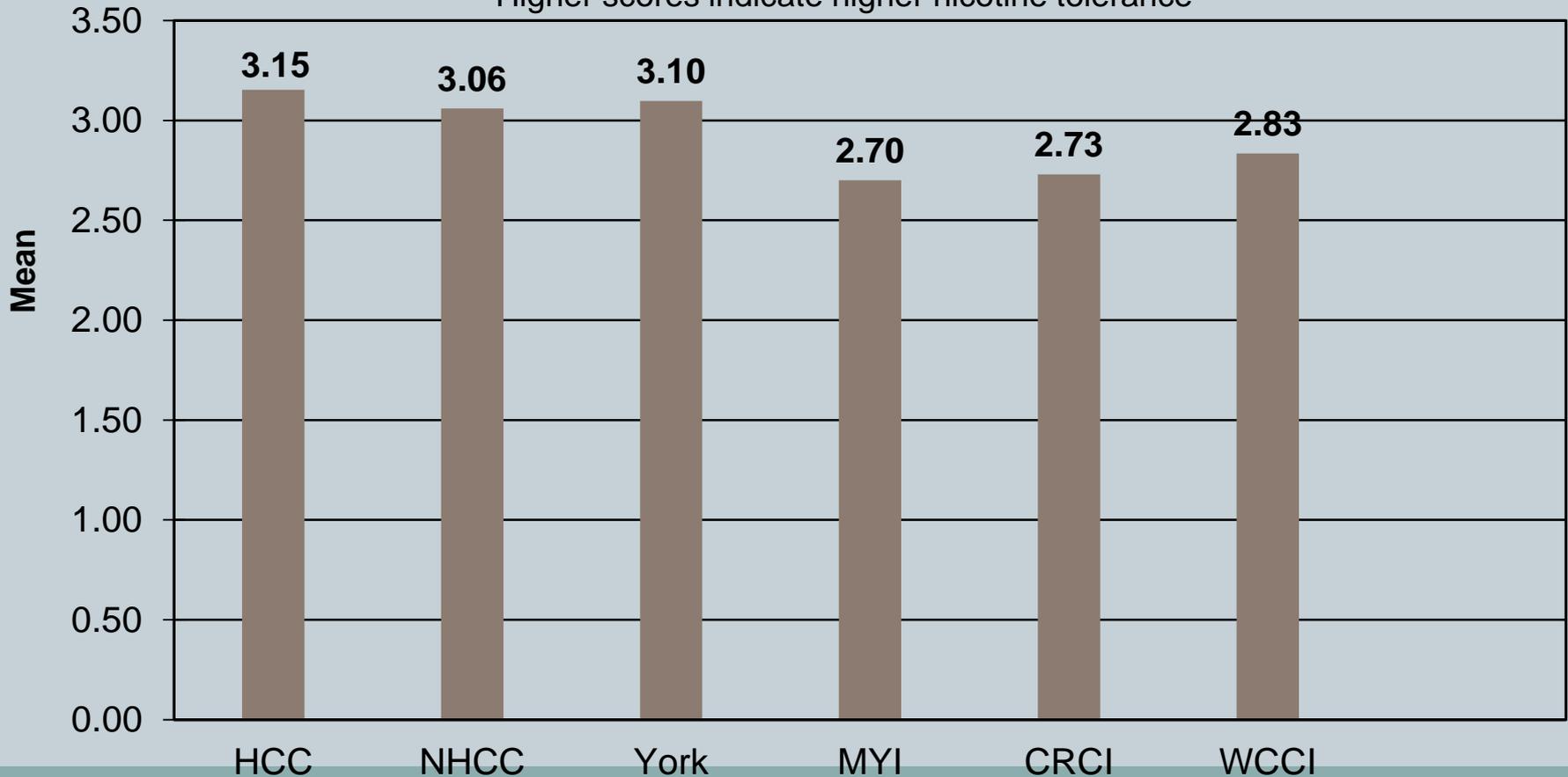
TOTAL SCORE LEVEL OF DEPENDENCE		
Points	Tolerance Level	Interpretation
0 – 3	Low	– Mild physical dependence. – Will benefit from professional counseling. – Pharmacotherapy not recommended at initial assessment. If patient has difficulty dealing with withdrawal symptoms, further assessment for pharmacotherapy to be carried out to ascertain suitability.
4 – 6	Medium	– Moderate physical dependence. – Require professional counseling. – May recommend pharmacotherapy if patient is assessed to be suitable. Pharmacist and/or doctor to provide more advice on pharmacotherapy.
7 – 10	High	– Strong physical dependence. – Require professional counseling. – Recommend pharmacotherapy if patient is assessed to be suitable. Pharmacist and/or doctor to provide more advice on pharmacotherapy.

Fagerström Nicotine Tolerance Mean Scores (DOC facilities)



*Questions relate to smoking habits **before current incarceration**

*Higher scores indicate higher nicotine tolerance

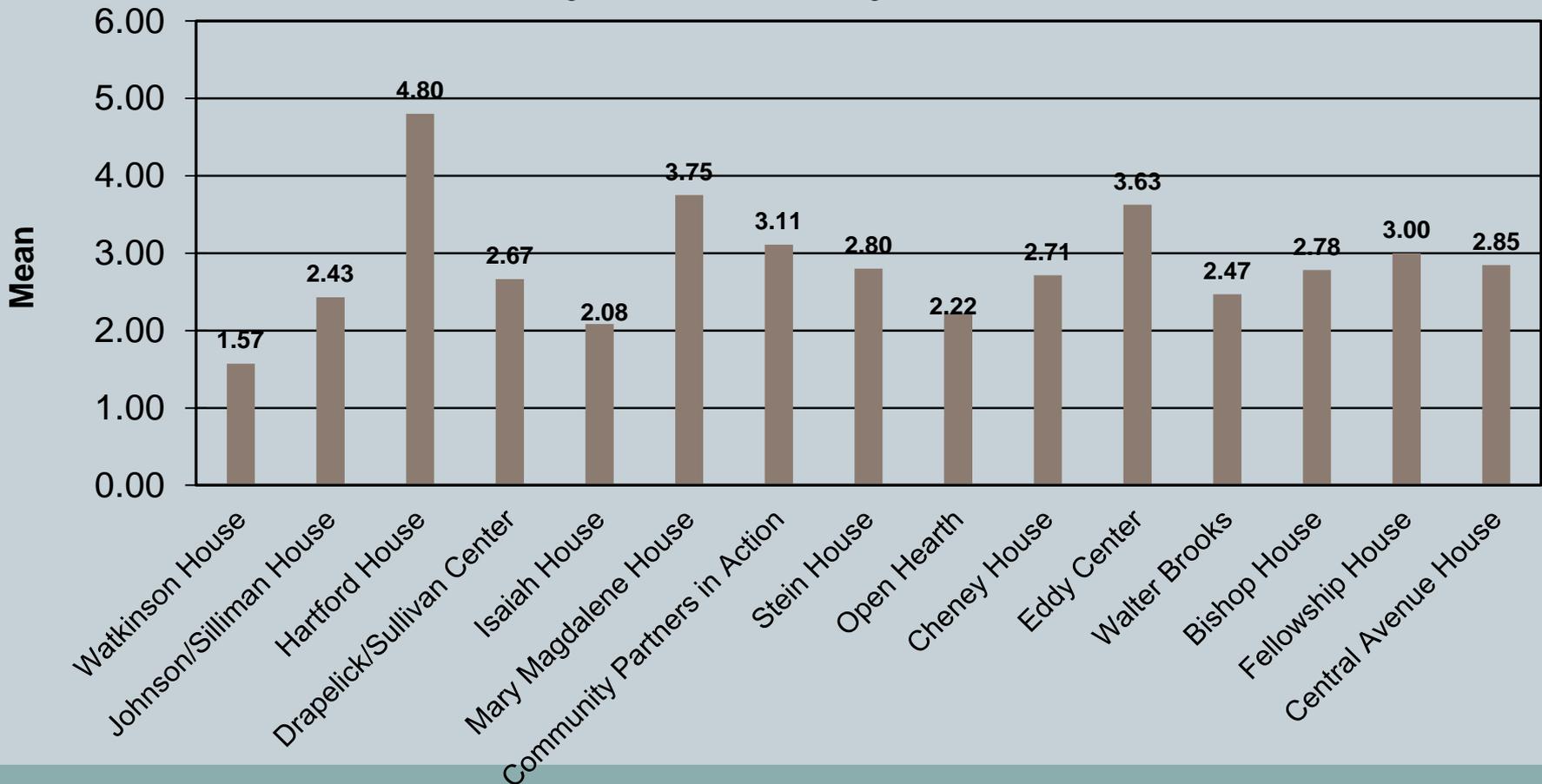


Fagerström Nicotine Tolerance Mean Scores (Halfway House sites)



*Questions relate to smoking habits **before most recent incarceration**

*Higher scores indicate higher nicotine tolerance

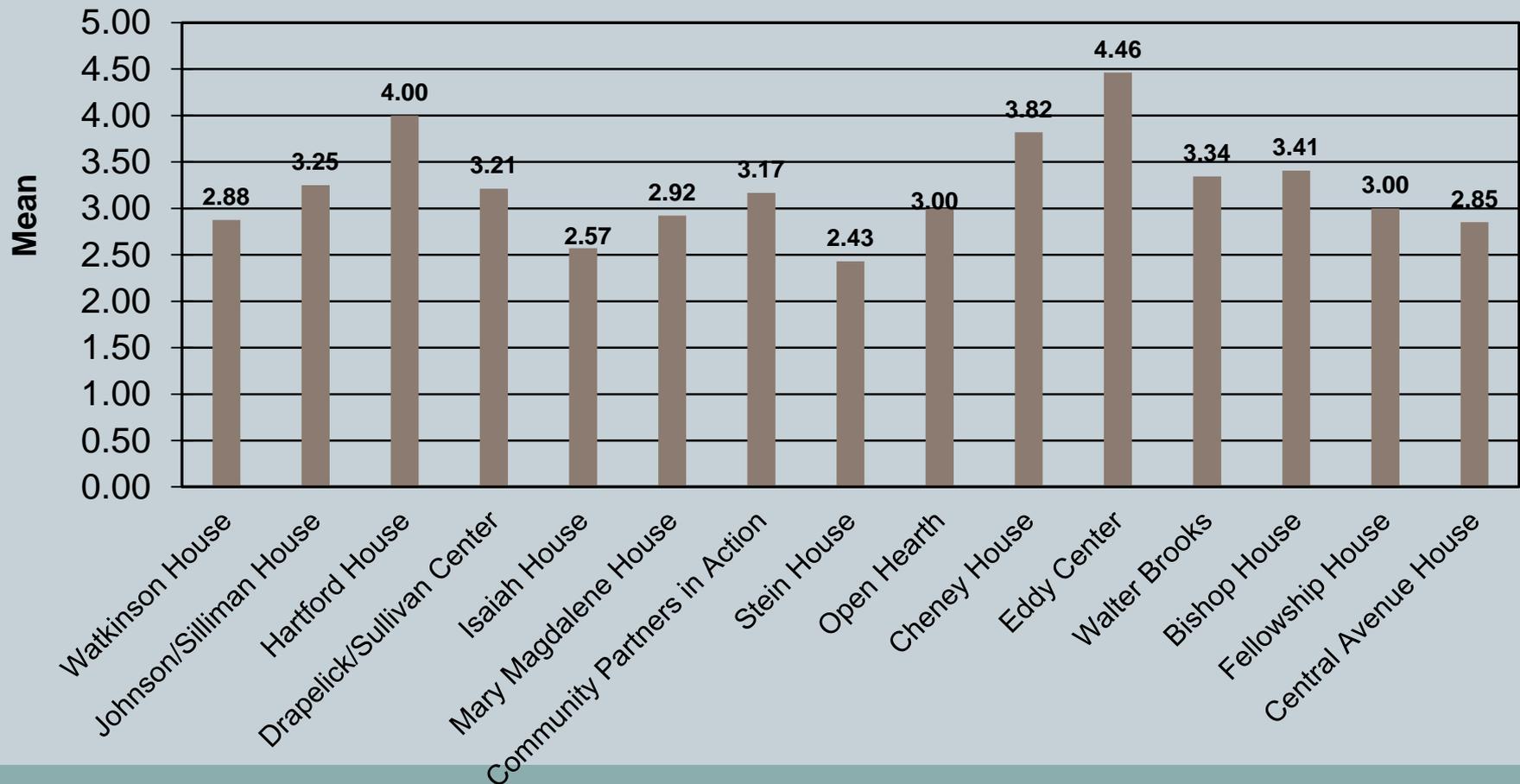


Fagerström Nicotine Tolerance Mean Scores (Halfway House sites)



*Questions relate to smoking habits during **current halfway house stay**

*Higher scores indicate higher nicotine tolerance



Nicotine Dependence Scores



Scores derived from totaling of responses to 3 items in the Karl Fagerström Nicotine Tolerance Questionnaire. These **3 items** make up the Nicotine Dependence variable:

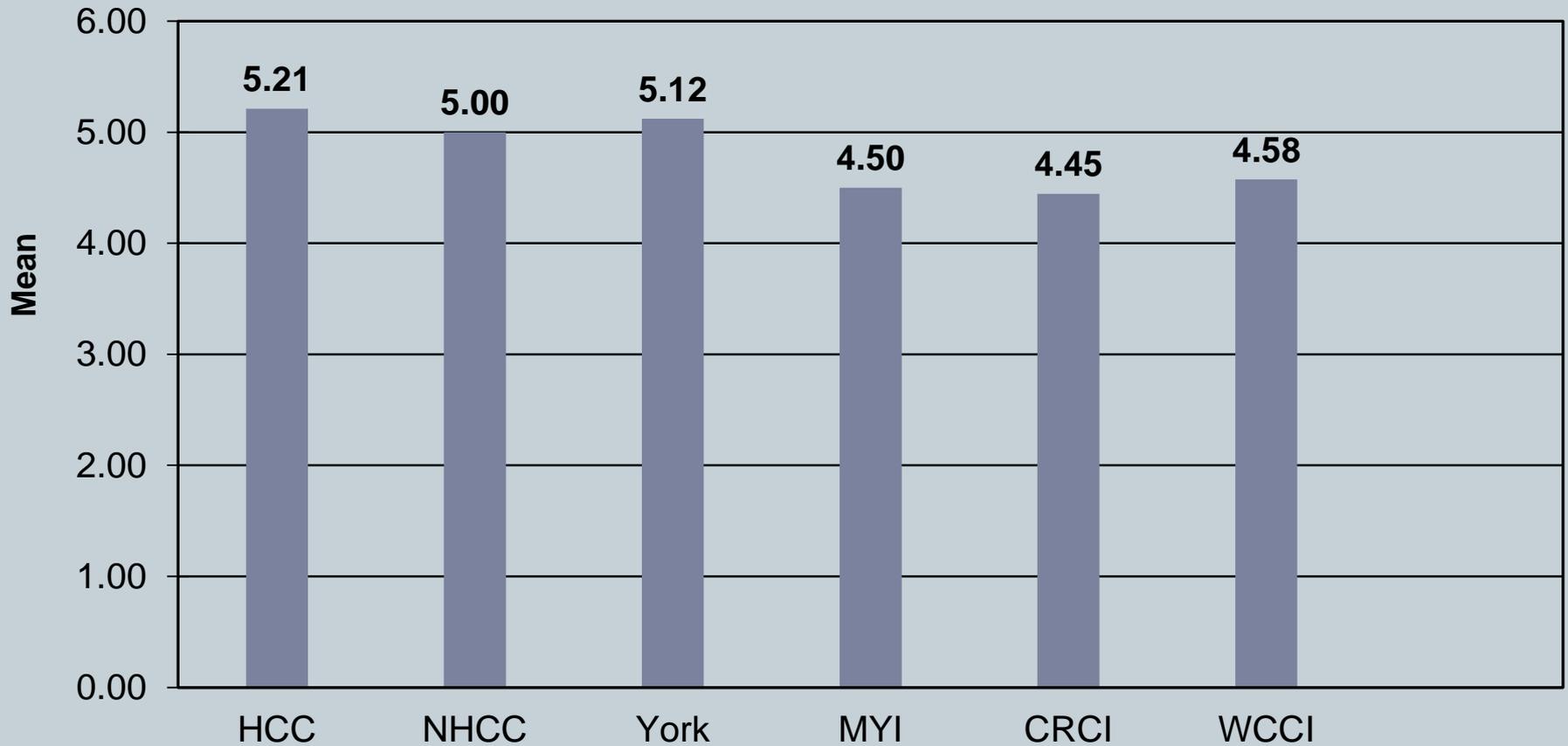
- **“How soon after you wake up would you like to smoke your first cigarette?”**
- **“Which cigarette would you hate to give up most?”**
- **“How many cigarettes per day do you smoke?”**

Mean Nicotine Dependence Scores (DOC Facilities)



*Questions relate to smoking habits **before current incarceration**

*Higher scores indicate greater nicotine dependence

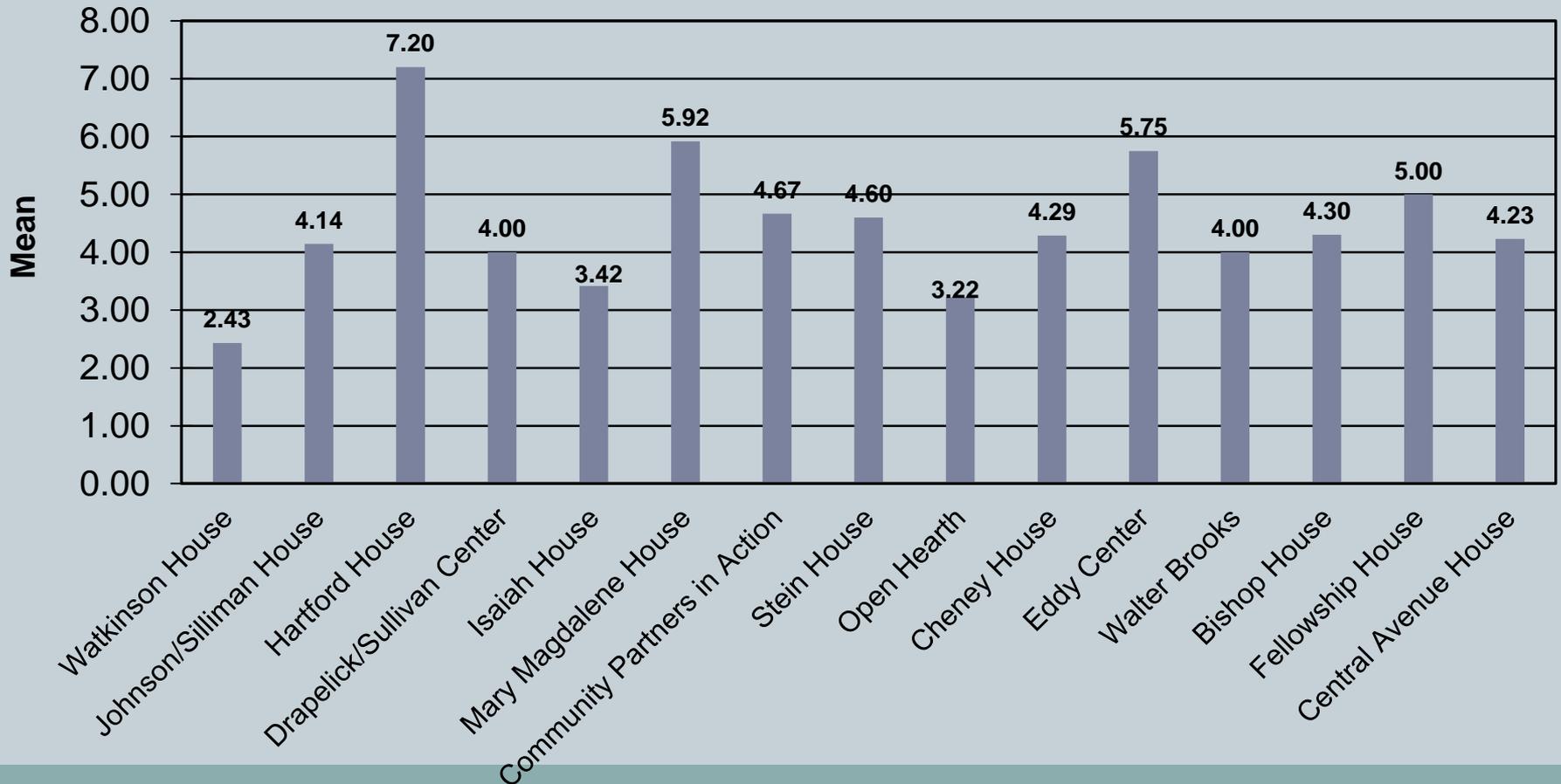


Mean Nicotine Dependence Scores (Halfway House sites)



*Questions relate to smoking habits **before most recent incarceration**

*Higher scores indicate greater nicotine dependence

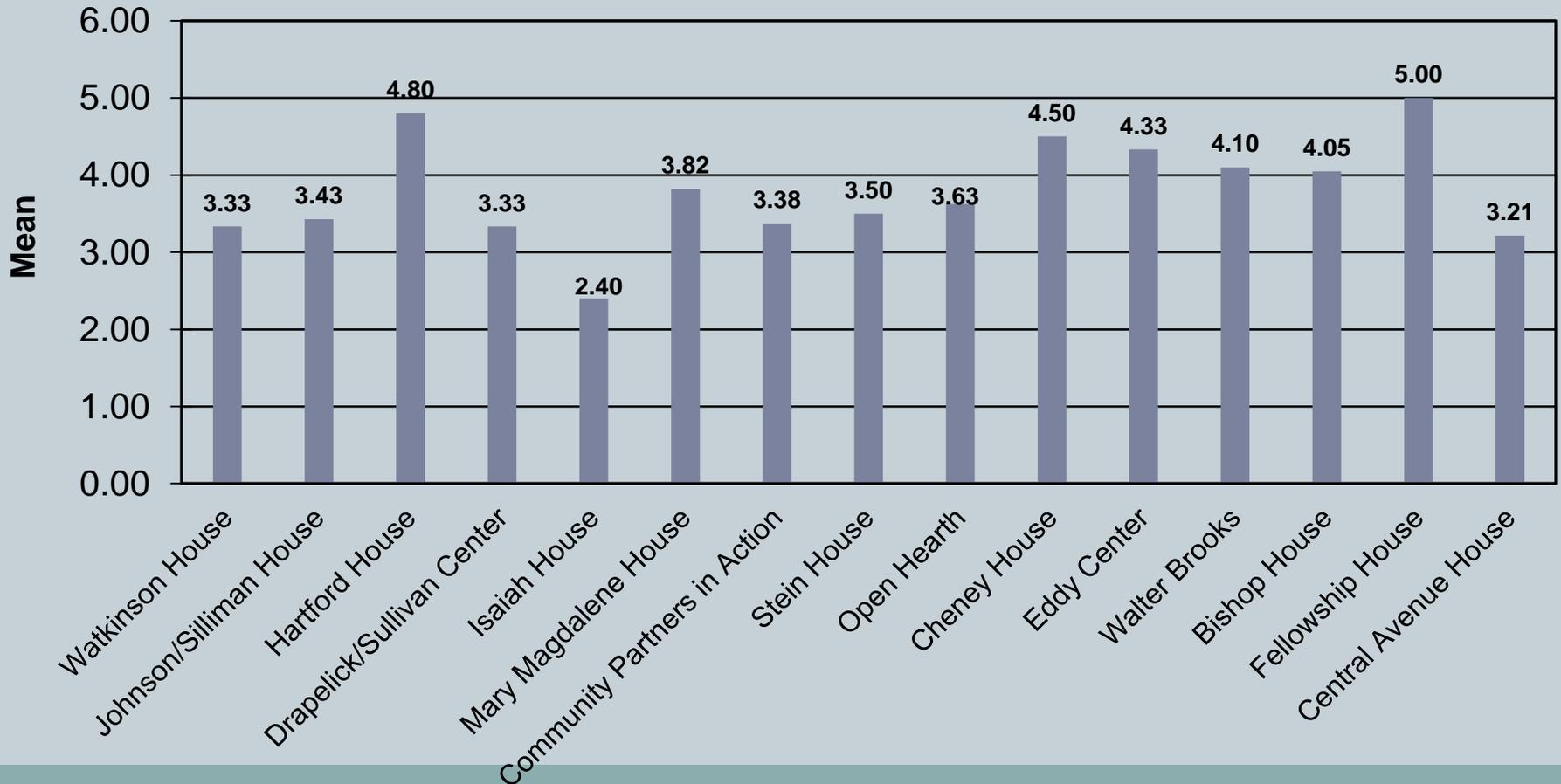


Mean Nicotine Dependence Scores (Halfway House sites)

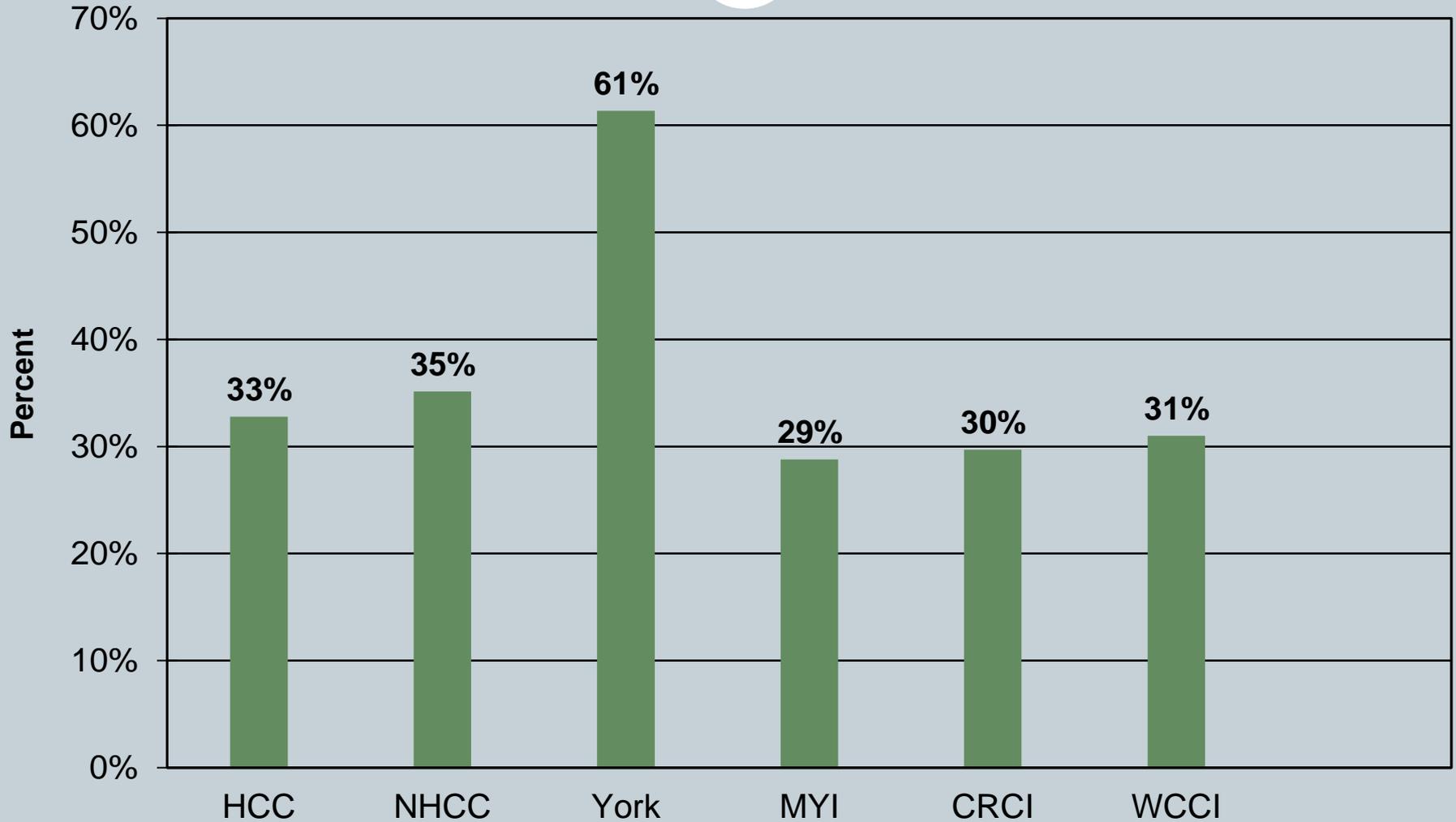


*Questions relate to smoking habits during **current halfway house stay**

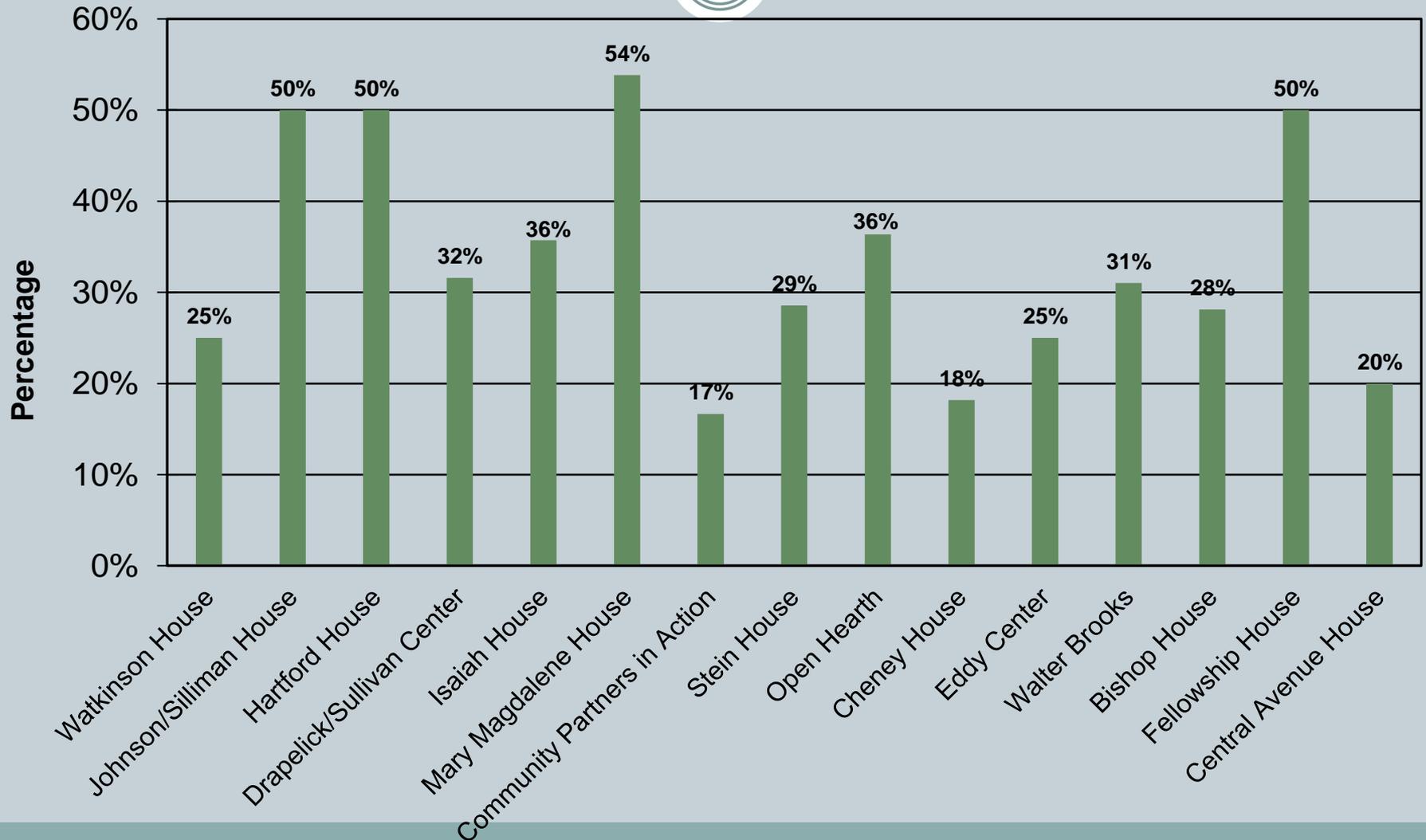
*Higher scores indicate greater nicotine dependence



Ever been in hospital or gone to ER due to mental health problem? (*DOC Facilities*)



Ever been in hospital or gone to ER due to mental health problem? (*Halfway House Sites*)



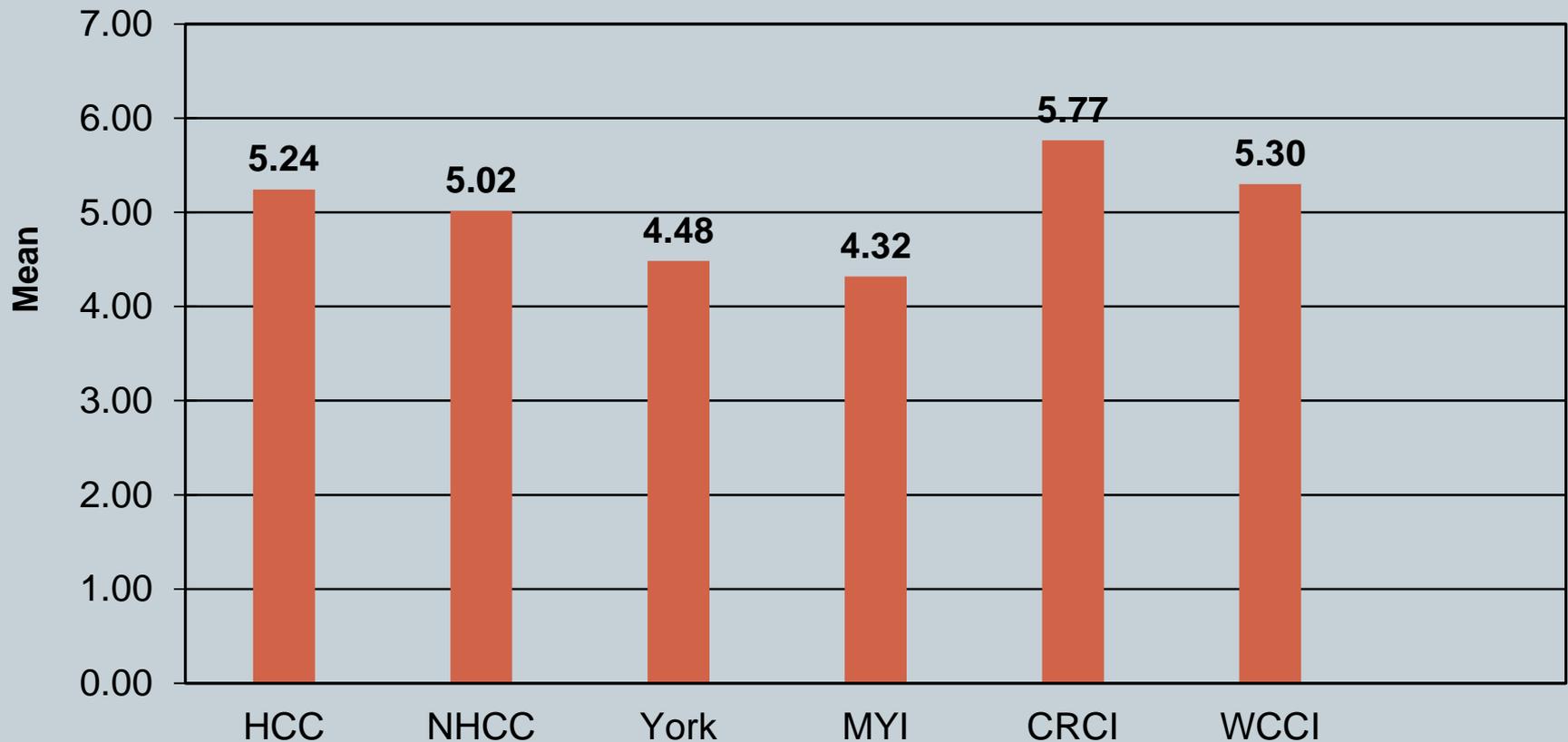
How much do you want to quit smoking? *(DOC Facilities)*



Mean Quitting Desire Score (7-point scale)

1='Not at all'

7='Very much'



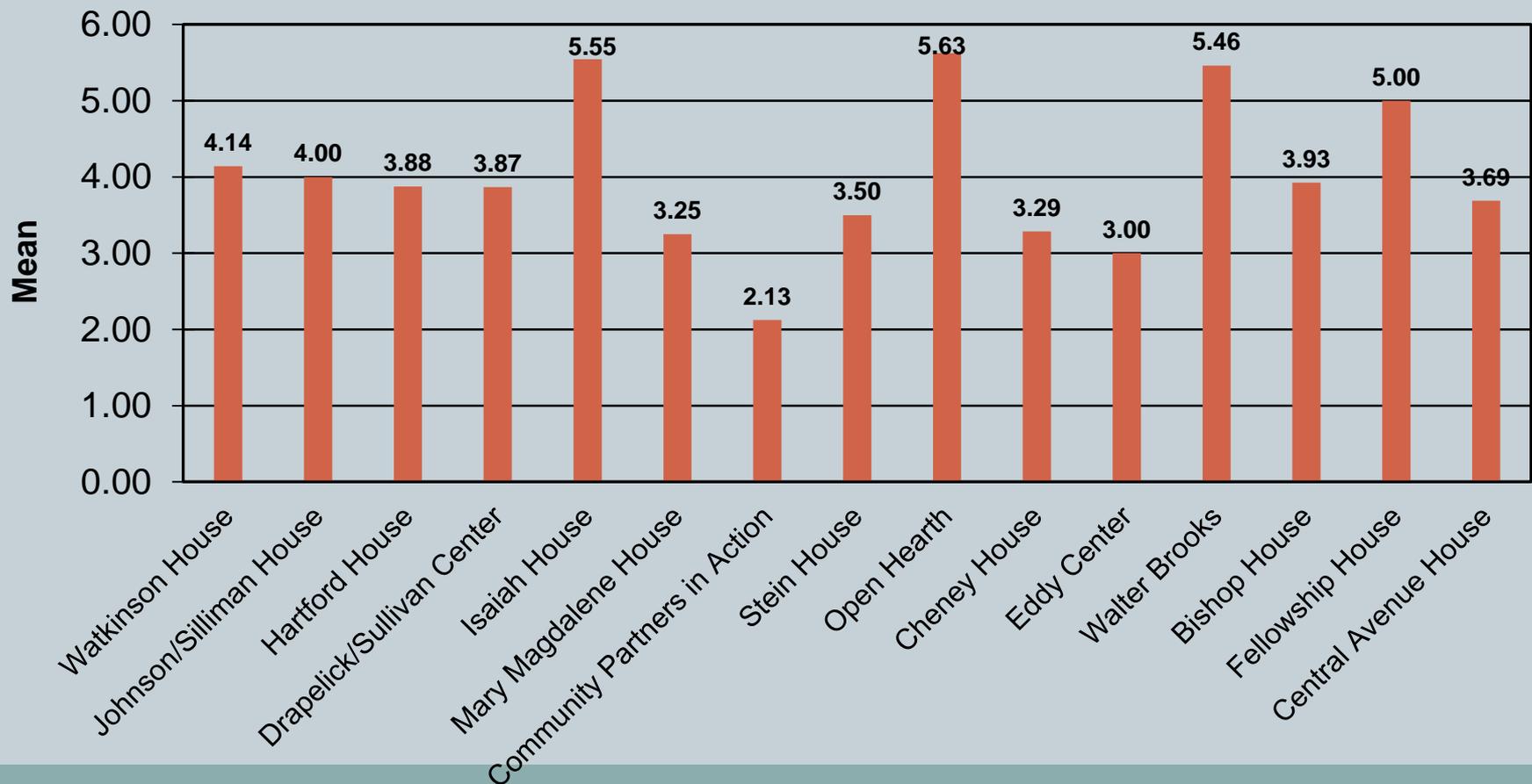
How much do you want to quit smoking? *(Halfway House sites)*



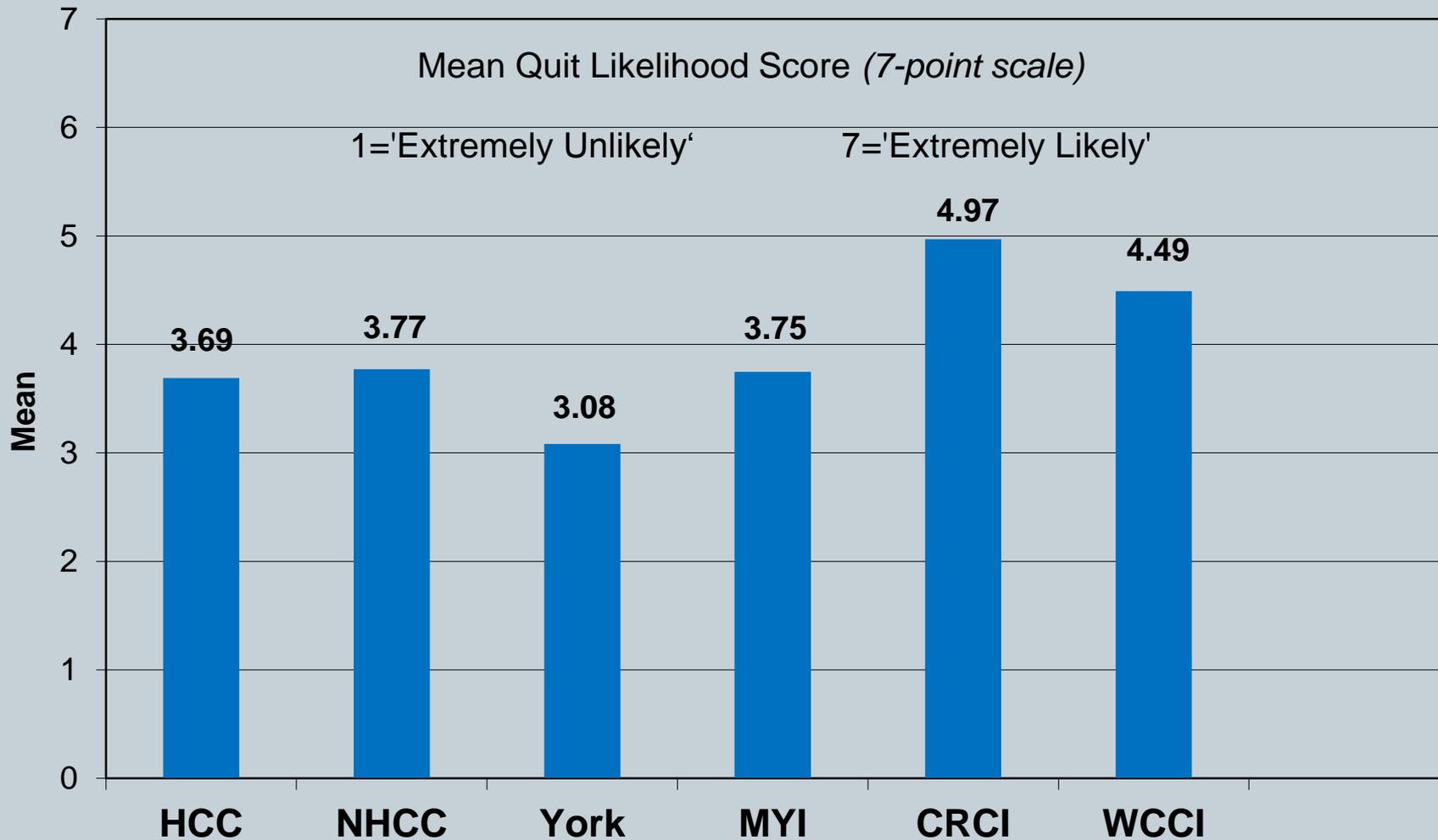
Mean Quitting Desire Score (7-point scale)

1='Not at all'

7='Very much'



How likely is it that you will stay off cigarettes after you are released from jail/prison?



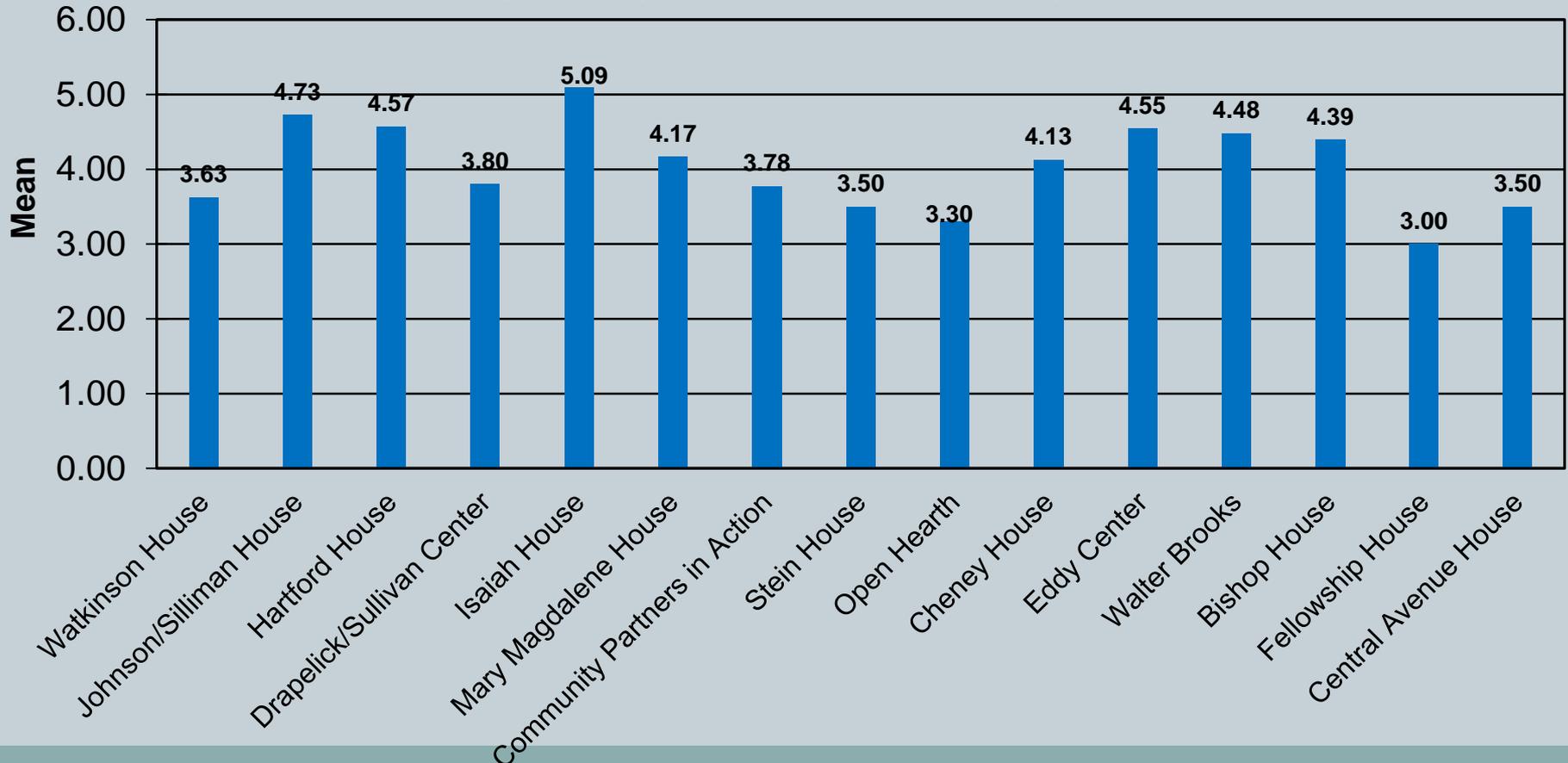
How likely is it that you will stay off cigarettes after you are released from the halfway house?



Mean Quit Likelihood Score (7-point scale)

1='Extremely Unlikely'

7='Extremely Likely'



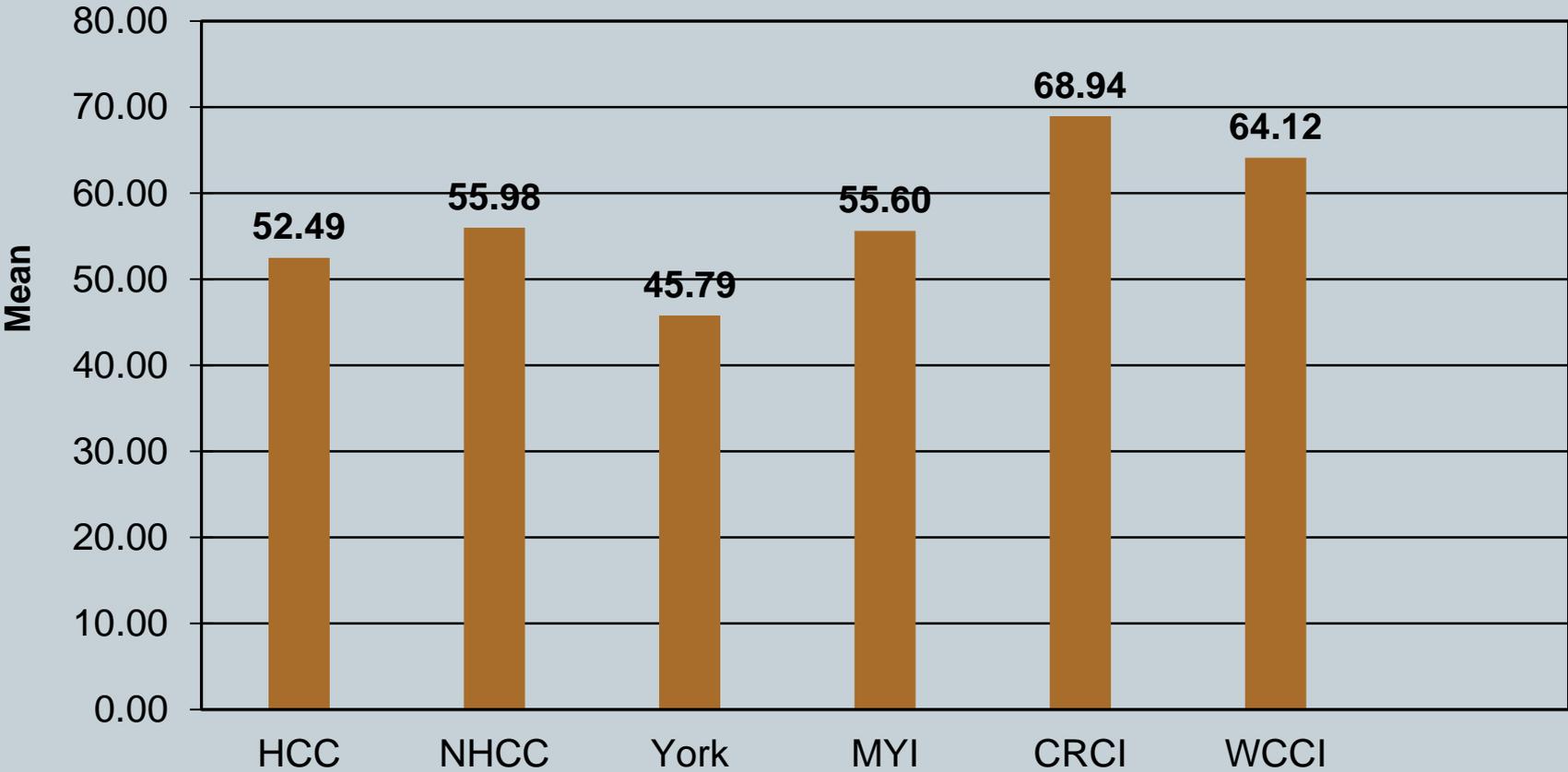
Confidence level for successfully quitting within 6 months after release from jail/prison



Mean Quitting Confidence Score (100-point scale)

0='Absolutely No Confidence at All'

100='Completely Confident'



Confidence level for successfully quitting within 6 months after release from halfway house



Mean Quitting Confidence Score (100-point scale)

0='Absolutely No Confidence at All'

100='Completely Confident'

